

EM International Collaboration and Cooperation

Project Information

[Title of project]

[Fiscal Year]

Revision [#]

[Submittal Date]

Collaborators

International Collaborator

Country: [Proper Sovereign Nation Name]

Foreign Organization: [Proper Organization Name]

Lead Principal Investigator: [Name]

[E-mail]

[Phone]

US Collaborators

EM-HQ Mission Unit: [DAS and OD]

EM Field/Project Office: [Site/Project Name]

EM-HQ Sponsor: [Name]

[Title/Position]

[E-mail]

[Phone]

EM-Field POC: [Name]

[Title/Position]

[E-mail]

[Phone]

Lab/Contractor POC:

[Name]

[Title/Position]

[E-mail]

[Phone]

Technology Area

[Identify the general technical area(s)/discipline for which the research project applies]

Scope of Collaborative Research/Project

The overall research goal of this project is to... [provide a concise statement].

The entire scope of this project will be performed... [identify all the locations/facilities where work will be performed]

The outcomes and outputs of this research project will be... [identify the key deliverables such as a final report, white papers or articles to be published in professional journals, etc.]

Justification of Approach

[Discuss why this project requires international collaboration. Identify the international expertise and capabilities that are being leveraged.]

[Identify mutual benefits and the scope of knowledge and technology exchange.]

Technical Description

Introduction

[Problem – Describe the issue or problem that the research addresses.]

[Goals/Objectives – Re-state research goal and state research objective(s).]

[Discuss if this research project supports/results in

- (1) Incremental technologies that strive to improve the efficiency and effectiveness of existing cleanup processes;
- (2) High-impact technologies that are outside the day-to-day program, that target big challenges, and that hold the promise of breakthrough improvements; OR,
- (3) Fundamental research that provides knowledge and capabilities that bear on the EM challenges.]

[Background – Include any relevant background.]

[Scope – Describe what the research will and will not cover, including any limitations.]

[Business Case – Describe the overall benefit to EM and how the research responds to the technical needs/problems for both EM and the international collaborator.]

[Past Work – Discuss past work including the technical objective that were met, key lessons learned, and cost.]

Technical Information

[Provide a detailed description of the research to be undertaken. The description must include the following:

[Technical Approach – Outline the research activities. Articulate specific technical methods and goals for each year of the proposed project.]

[Nuclear quality assurance – Discuss how nuclear quality assurance requirements will be satisfied, if required.]

[Transition Plan – To the extent possible, describe how the project results will be implemented in the field or transitioned for further research. Describe efforts to identify a receiver/beneficiary of the product(s), and any commitments to transition this technology.]

Cost and Schedule

[Cost Estimate – Provide cost breakdowns for each collaborator whose costs cumulatively exceed \$10,000 in any FY. Cost information should be rounded to the nearest thousand dollars. Provide accompanying narrative as needed. Projects may be funded incrementally, with funds provided in the year in which they are expected to be executed. The cost profile must show grand total funding, annual funding, and if possible, quarterly funding.]

[Schedule – For planning purposes, proposers should assume that work on the project begins on October 1, and that the project year runs through September 30 or until anticipated project completion. If available, include a separate logic-tied Gantt chart of the key activities.]

[Milestones – List realistic milestones. Proposals should include planning for monthly status reports, bi-annual project summary presentations (teleconference), annual project summary reports, and a final project report. Prior to completion of any funded projects, a technical review may be conducted.]

Business Considerations

[Identify the international agreement and contractual mechanisms to be used, if known.]

[Discuss how intellectual property will be handled.]

[Identify foreign nationals that require access to DOE facilities.]

[Identify other special requirements and needs.]

Approval

APPROVE

Date:

DISAPPROVE

Date:

**APPROVING
OFFICIAL**

Dr. Monica C. Regalbuto, Associate PDAS (EM-2.1)
